



The State of New Hampshire
Department of Environmental Services



AGGREGATED PRECIPITATION DATA for N.H.
DROUGHT MANAGEMENT AREAS

	Actual Rainfall (inches)	Normal Rainfall (inches)	Deviation from Normal (inches)	Percent of Normal
<u>Coastal Drainage:</u> Rockingham, Strafford counties				
four month	14.32	16.25	-1.93	88%
six month	23.69	23.64	0.04	100%
nine month	40.96	35.62	5.34	115%
twelve month	48.73	45.28	3.45	108%
<u>Southern Interior:</u> Belknap, Hillsborough, Merrimack counties				
four month	12.90	15.45	-2.56	83%
six month	20.86	23.07	-2.21	90%
nine month	36.00	34.23	1.77	105%
twelve month	43.27	43.91	-0.64	99%
<u>South Western:</u> Cheshire, Sullivan counties				
four month	12.95	15.17	-2.22	85%
six month	21.06	22.97	-1.91	92%
nine month	32.62	33.95	-1.33	96%
twelve month	39.75	43.55	-3.80	91%
<u>White Mountain:</u> Carroll, Grafton counties				
four month	16.84	16.83	0.00	100%
six month	26.00	25.33	0.68	103%
nine month	38.93	37.12	1.81	105%
twelve month	46.73	46.00	0.73	102%
<u>North Country:</u> Coos county				
four month	18.90	17.32	1.58	109%
six month	27.03	26.46	0.57	102%
nine month	41.49	37.78	3.71	110%
twelve month	51.17	45.94	5.23	111%

four month period : August 2007 - November 2007

six month period : June 2007 - November 2007

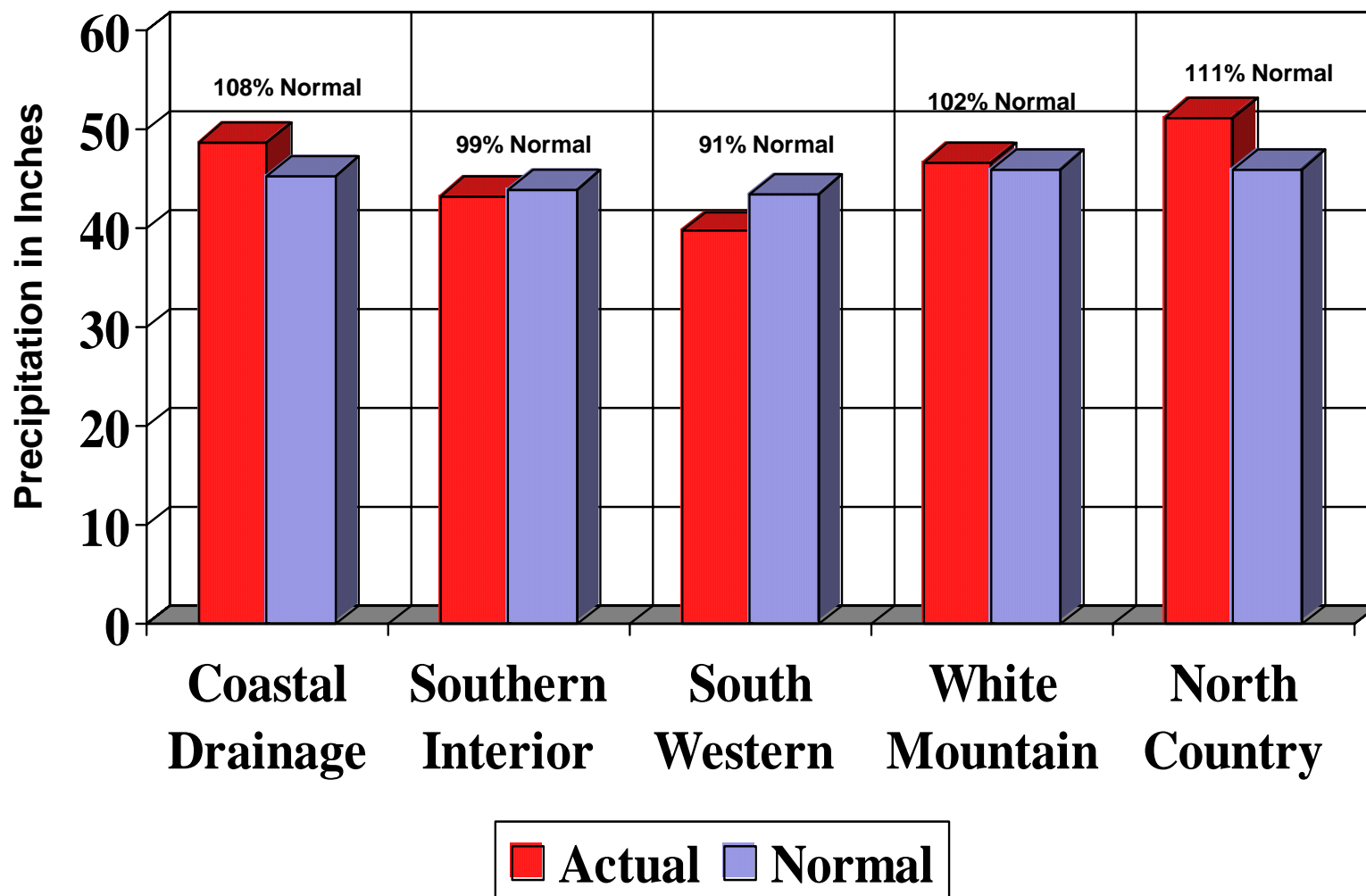
nine month period : March 2007 - November 2007

twelve month period: December 2006 - November 2007

Source: Northeast River Forecast Center, NH Des Dam Bureau

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095
Telephone: (603) 271-3503 • Fax: (603) 271-7894 • TDD Access: Relay NH 1-800-735-2964
DES Web site: www.des.nh.gov

TWELVE MONTH AGGREGATED PRECIPITATION DATA for N.H. DROUGHT MANAGEMENT AREAS from December 2006 through November 2007





MONTHLY PRECIPITATION DATA FOR N.H COUNTIES

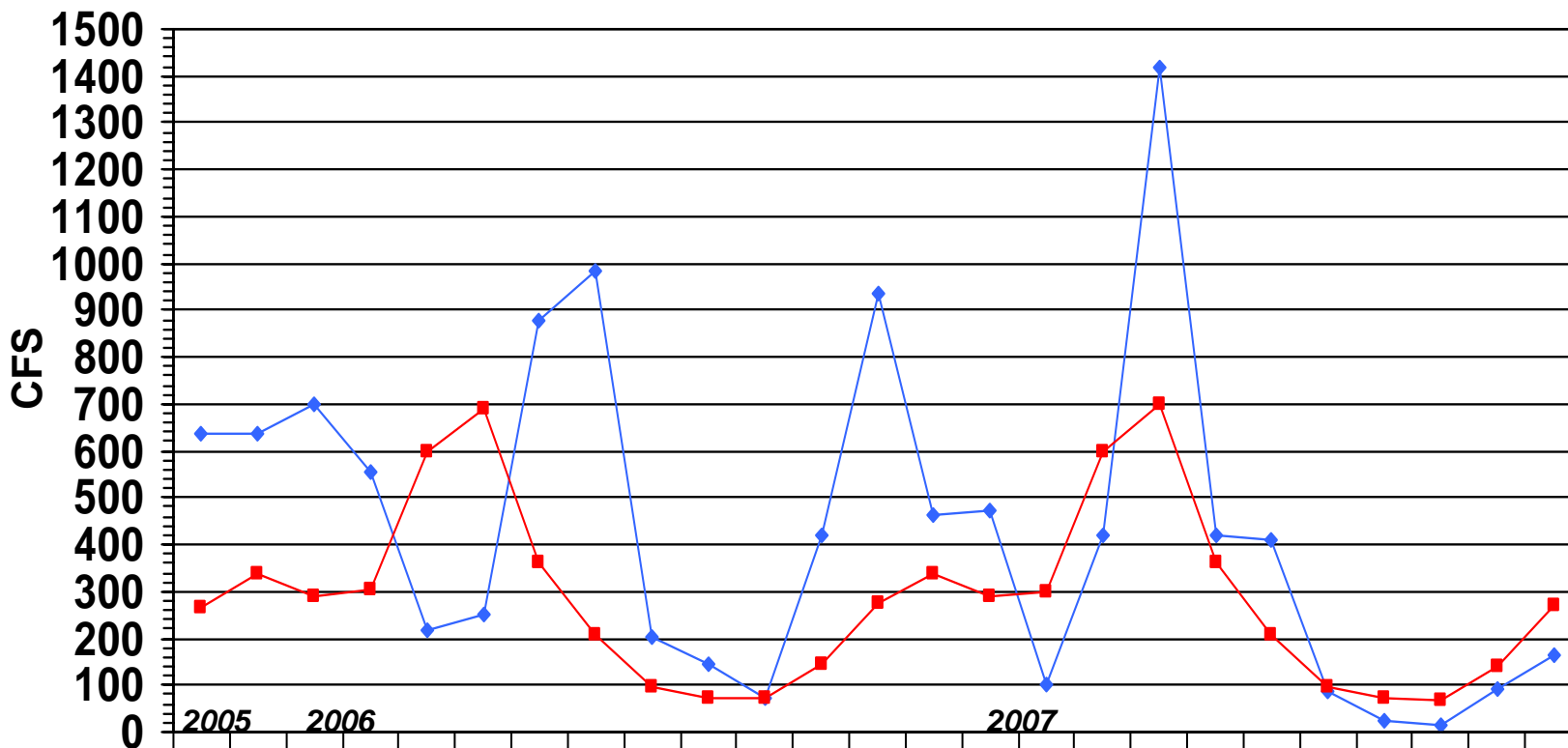
		2006 DEC	2007 JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV
<u>Coastal drainage</u>													
STRAFFORD	actual	3.60	3.02	1.59	3.94	9.98	3.39	3.14	7.11	2.44	4.34	4.91	4.41
	normal	3.12	3.12	3.12	4.02	4.39	3.88	3.77	3.75	3.69	3.77	4.39	4.71
	deviation	0.48	-0.10	-1.53	-0.08	5.59	-0.49	-0.63	3.36	-1.25	0.57	0.52	-0.30
ROCKINGHAM	actual	2.84	2.94	1.54	4.37	8.92	3.95	3.33	5.15	1.47	2.88	4.42	3.77
	normal	3.32	3.32	3.32	3.86	4.12	3.69	3.68	3.59	3.55	3.76	4.20	4.42
	deviation	-0.48	-0.38	-1.78	0.51	4.80	0.26	-0.35	1.56	-2.08	-0.88	0.22	-0.65
Average	actual	3.22	2.98	1.57	4.16	9.45	3.67	3.24	6.13	1.96	3.61	4.67	4.09
	normal	3.22	3.22	3.22	3.94	4.26	3.79	3.73	3.67	3.62	3.77	4.30	4.57
	deviation	0.00	-0.24	-1.66	0.22	5.20	-0.12	-0.49	2.46	-1.67	-0.16	0.37	-0.48
<u>Southern Interior</u>													
HILLSBOROUGH	actual	2.59	3.08	1.54	4.17	8.09	3.96	3.18	5.33	0.93	3.30	4.36	3.32
	normal	3.60	3.60	3.60	3.88	3.89	3.81	3.75	3.75	3.78	3.67	4.16	4.18
	deviation	-1.01	-0.52	-2.06	0.29	4.20	0.15	-0.57	1.58	-2.85	-0.37	0.20	-0.86
MERRIMACK	actual	3.79	2.93	1.45	3.95	8.53	3.59	2.68	4.83	1.71	3.33	4.59	3.80
	normal	3.16	3.16	3.16	3.51	3.66	3.84	3.66	3.81	3.78	3.52	3.97	3.97
	deviation	0.63	-0.23	-1.71	0.44	4.87	-0.25	-0.98	1.02	-2.07	-0.19	0.62	-0.17
BELKNAP	actual	3.26	2.04	1.15	2.84	7.49	2.79	2.47	5.40	2.03	3.39	3.82	4.11
	normal	2.92	2.92	2.92	3.42	3.66	3.82	3.79	4.08	3.84	3.55	4.00	3.94
	deviation	0.34	-0.88	-1.77	-0.58	3.83	-1.03	-1.32	1.32	-1.81	-0.16	-0.18	0.17
Average	actual	3.21	2.68	1.38	3.65	8.04	3.45	2.78	5.19	1.56	3.34	4.26	3.74
	normal	3.23	3.23	3.23	3.60	3.74	3.82	3.73	3.88	3.80	3.58	4.04	4.03
	deviation	-0.01	-0.54	-1.85	0.05	4.30	-0.38	-0.96	1.31	-2.24	-0.24	0.21	-0.29
<u>South Western</u>													
CHESHIRE	actual	2.39	2.91	1.22	2.77	5.49	2.66	2.94	4.49	1.52	3.20	4.17	3.34
	normal	3.28	3.28	3.28	3.60	3.64	3.97	3.81	4.03	4.05	3.57	3.82	3.80
	deviation	-0.89	-0.37	-2.06	-0.83	1.85	-1.31	-0.87	0.46	-2.53	-0.37	0.35	-0.46
SULLIVAN	actual	2.87	3.24	1.64	2.94	6.23	3.02	3.29	5.50	1.77	3.09	5.23	3.58
	normal	3.12	3.12	3.12	3.33	3.52	3.90	3.75	4.00	3.93	3.63	3.87	3.67
	deviation	-0.25	0.12	-1.48	-0.39	2.71	-0.88	-0.46	1.50	-2.16	-0.54	1.36	-0.09
Average	actual	2.63	3.08	1.43	2.86	5.86	2.84	3.12	5.00	1.65	3.15	4.70	3.46
	normal	3.20	3.20	3.20	3.47	3.58	3.94	3.78	4.02	3.99	3.60	3.85	3.74
	deviation	-0.57	-0.13	-1.77	-0.61	2.28	-1.10	-0.67	0.98	-2.35	-0.46	0.86	-0.28
<u>White Mountain</u>													
GRAFTON	actual	3.68	2.55	2.18	3.29	5.13	3.24	3.08	5.67	3.41	3.69	5.60	4.47
	normal	2.92	2.92	2.92	3.60	3.73	4.01	4.26	4.34	4.42	4.05	4.19	4.21
	deviation	0.76	-0.37	-0.74	-0.31	1.40	-0.77	-1.18	1.33	-1.01	-0.36	1.41	0.26
CARROLL	actual	3.30	2.31	1.58	2.86	8.10	3.24	3.23	6.35	3.15	3.18	4.82	5.35
	normal	3.00	3.00	3.00	4.01	4.05	4.19	4.14	4.25	4.21	3.88	4.37	4.33
	deviation	0.30	-0.69	-1.42	-1.15	4.05	-0.95	-0.91	2.10	-1.06	-0.70	0.45	1.02
Average	actual	3.49	2.43	1.88	3.08	6.62	3.24	3.16	6.01	3.28	3.44	5.21	4.91
	normal	2.96	2.96	2.96	3.81	3.89	4.10	4.20	4.30	4.32	3.97	4.28	4.27
	deviation	0.53	-0.53	-1.08	-0.73	2.73	-0.86	-1.05	1.72	-1.04	-0.53	0.93	0.64
<u>North Country</u>													
COOS	actual	3.93	3.17	2.58	3.63	6.58	4.25	3.50	4.63	4.88	3.30	5.26	5.46
	normal	2.72	2.72	2.72	3.57	3.61	4.14	4.61	4.53	4.70	4.25	4.13	4.24
	deviation	1.21	0.45	-0.14	0.06	2.97	0.11	-1.11	0.10	0.18	-0.95	1.13	1.22

LAMPREY RIVER near NEWMARKET NH

Gage# 01073500



MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



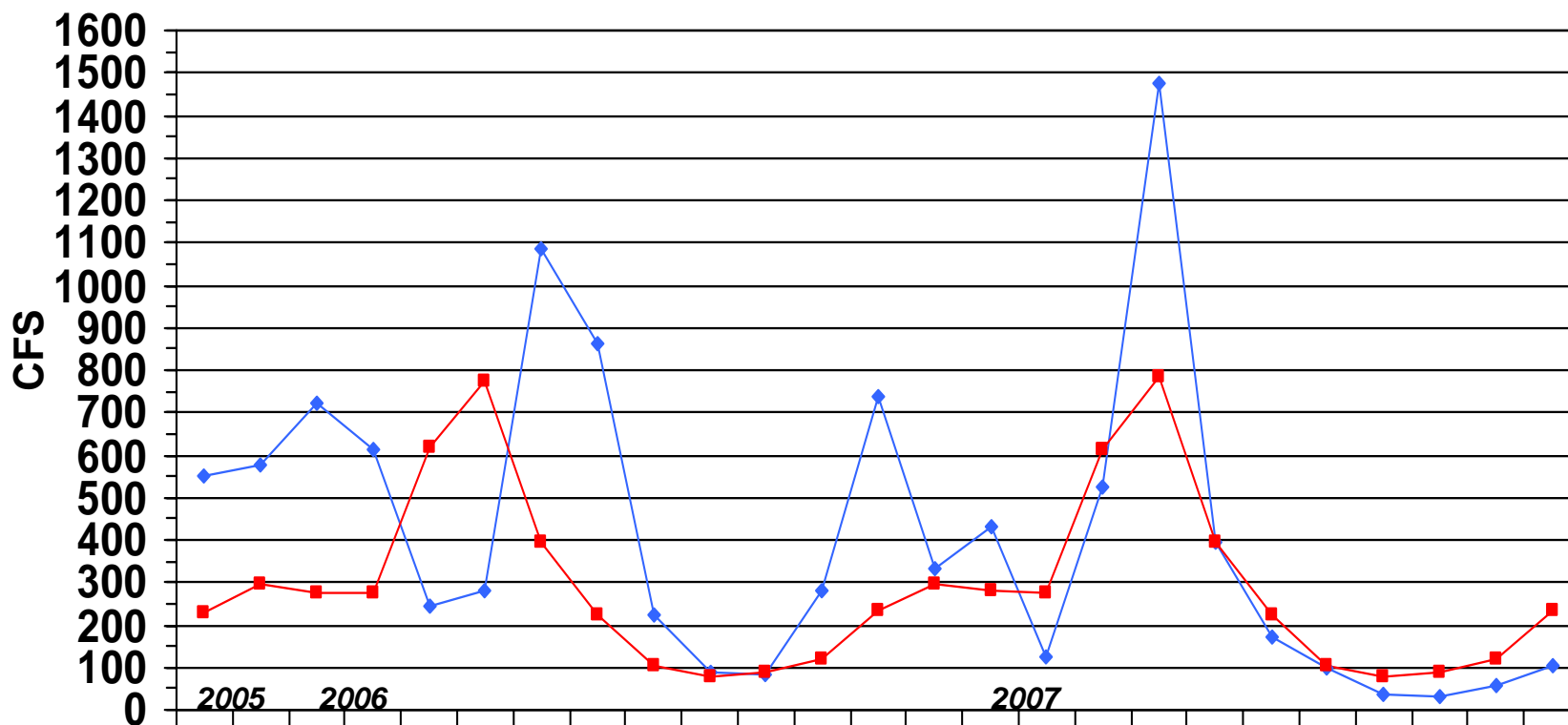
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov
Monthly Mean Flow	638	639	700	555	217	252	876	982	201	146	73	419	935	462	475	100	422	1418	422	409	89	24	13	91	164
Mean of Monthly Flow s	264	337	288	304	598	690	363	206	95	71	70	143	274	338	290	301	596	700	363	209	95	70	69	142	272
% of Normal	242%	190%	243%	183%	36%	37%	241%	477%	212%	206%	104%	293%	341%	137%	164%	33%	71%	203%	116%	195%	93%	34%	19%	64%	60%

SOUHEGAN RIVER at MERRIMACK NH

Gage# 01094000



MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

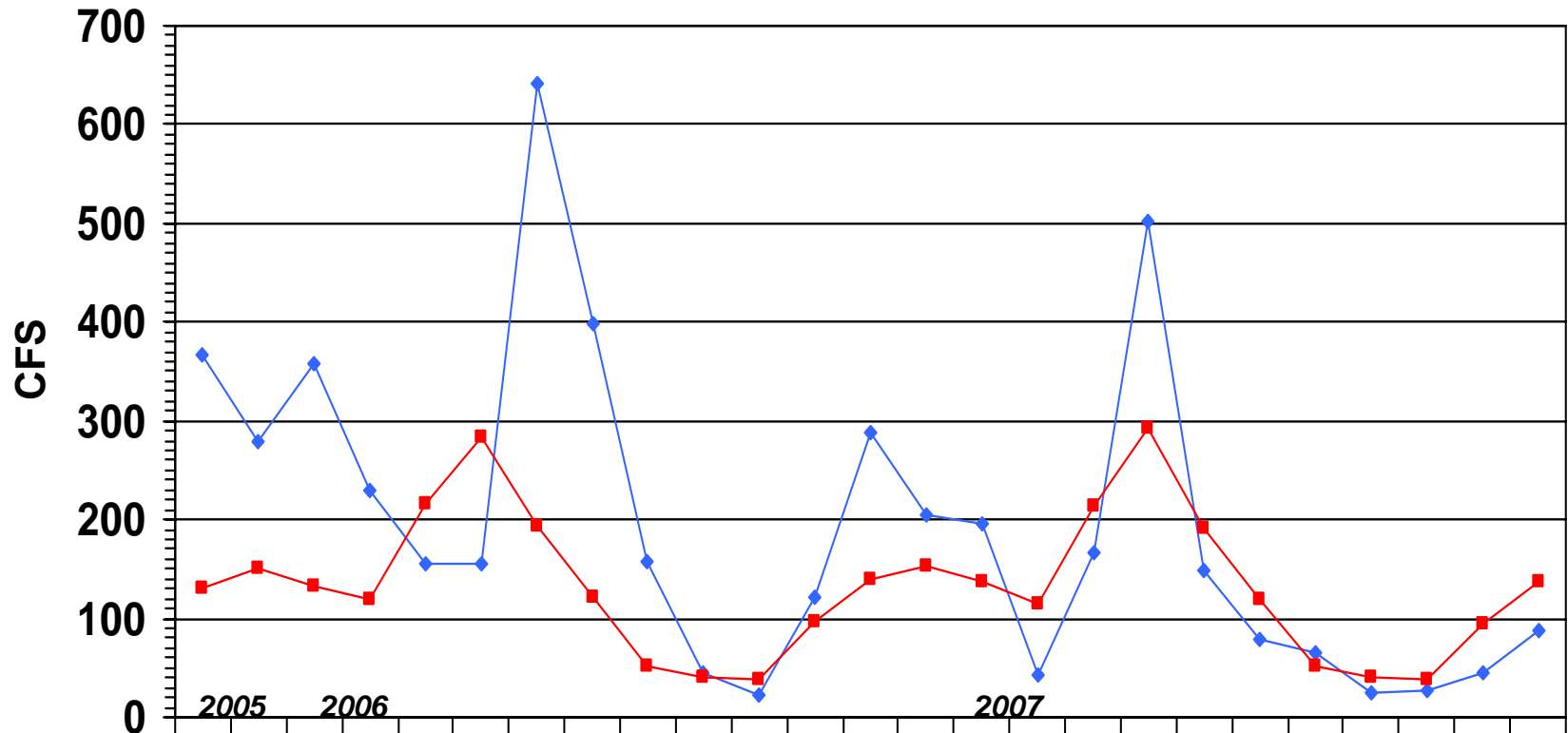


	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov
Monthly Mean Flow	551	579	721	611	244	281	1085	860	223	90	84	278	738	330	429	127	524	1474	397	171	98	34	33	58	105
Mean of Monthly Flows	228	296	276	275	616	773	395	224	103	78	88	120	235	296	278	273	615	782	395	223	103	77	88	119	234
% of Normal	242%	196%	261%	222%	40%	35%	275%	384%	217%	115%	95%	232%	314%	111%	154%	46%	85%	188%	100%	77%	95%	44%	38%	48%	45%

SOUCOOK RIVER at PEMBROKE ROAD near CONCORD NH, Gage# 01089100



MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



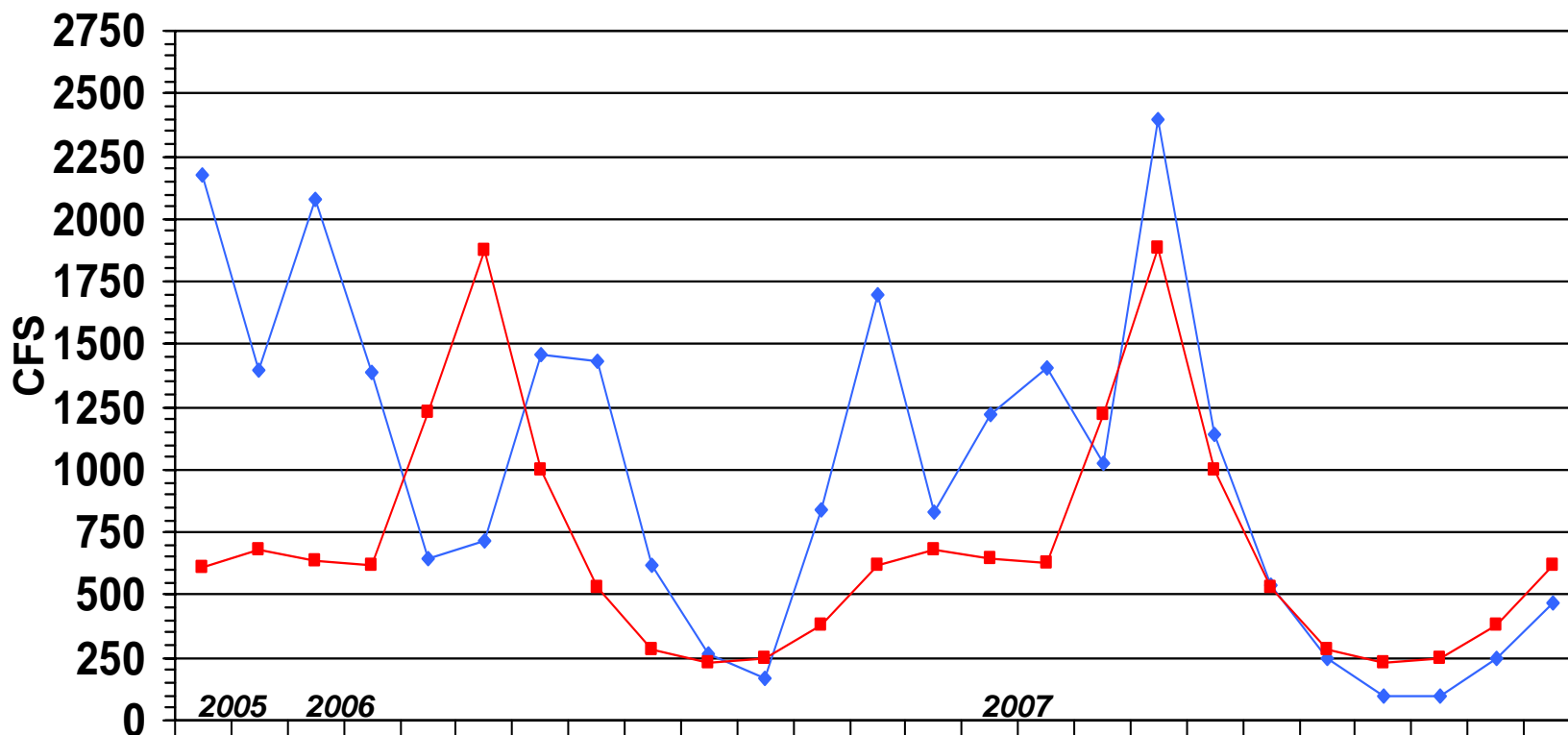
◆ Monthly Mean Flow	368	280	359	229	155	155	642	399	157	44	23	122	289	204	195	42	166	501	148	78	66	25	26	45	87
■ Mean of Monthly Flows	131	150	133	119	216	283	194	122	51	41	38	96	140	153	137	115	213	293	192	119	51	40	38	94	137
% of Normal	281%	187%	270%	192%	72%	55%	331%	327%	308%	107%	61%	127%	206%	133%	142%	37%	78%	171%	77%	66%	129%	62%	68%	48%	64%

ASHUELOT RIVER at HINSDALE NH

Gage# 01161000



MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



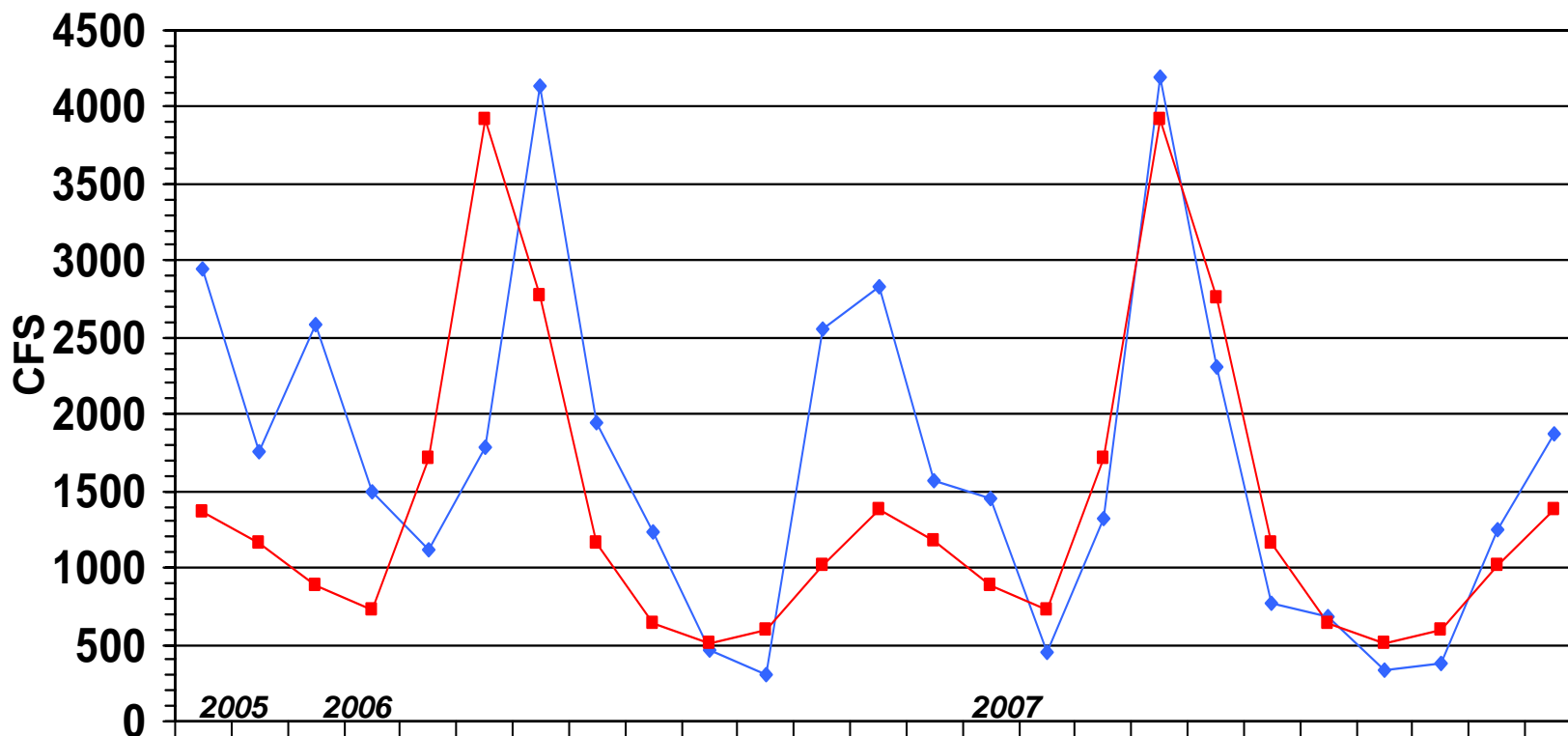
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov
Monthly Mean Flow	2171	1396	2082	1385	642	718	1459	1434	615	262	170	838	1702	833	1220	1404	1025	2393	1142	536	252	96	99	244	471
Mean of Monthly Flow s	610	683	640	618	1226	1876	996	534	283	230	247	383	621	684	646	626	1224	1881	997	534	282	229	245	381	619
% of Normal	356%	204%	325%	224%	52%	38%	146%	269%	217%	114%	69%	219%	274%	122%	189%	224%	84%	127%	115%	100%	89%	42%	40%	62%	76%

PEMIGEWASSET RIVER at PLYMOUTH NH

Gage# 01076500



MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



	2005		2006		2007																				
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov
Monthly Mean Flow	2948	1761	2578	1500	1118	1789	4130	1941	1235	471	311	2550	2833	1569	1452	451	1318	4191	2308	773	687	340	381	1251	1871
Mean of Monthly Flows	1358	1167	886	733	1712	3920	2767	1167	643	514	600	1017	1372	1171	892	730	1709	3923	2762	1163	643	512	598	1019	1377
% of Normal	217%	151%	291%	205%	65%	46%	149%	166%	192%	92%	52%	251%	206%	137%	163%	62%	77%	107%	84%	66%	107%	66%	64%	123%	136%

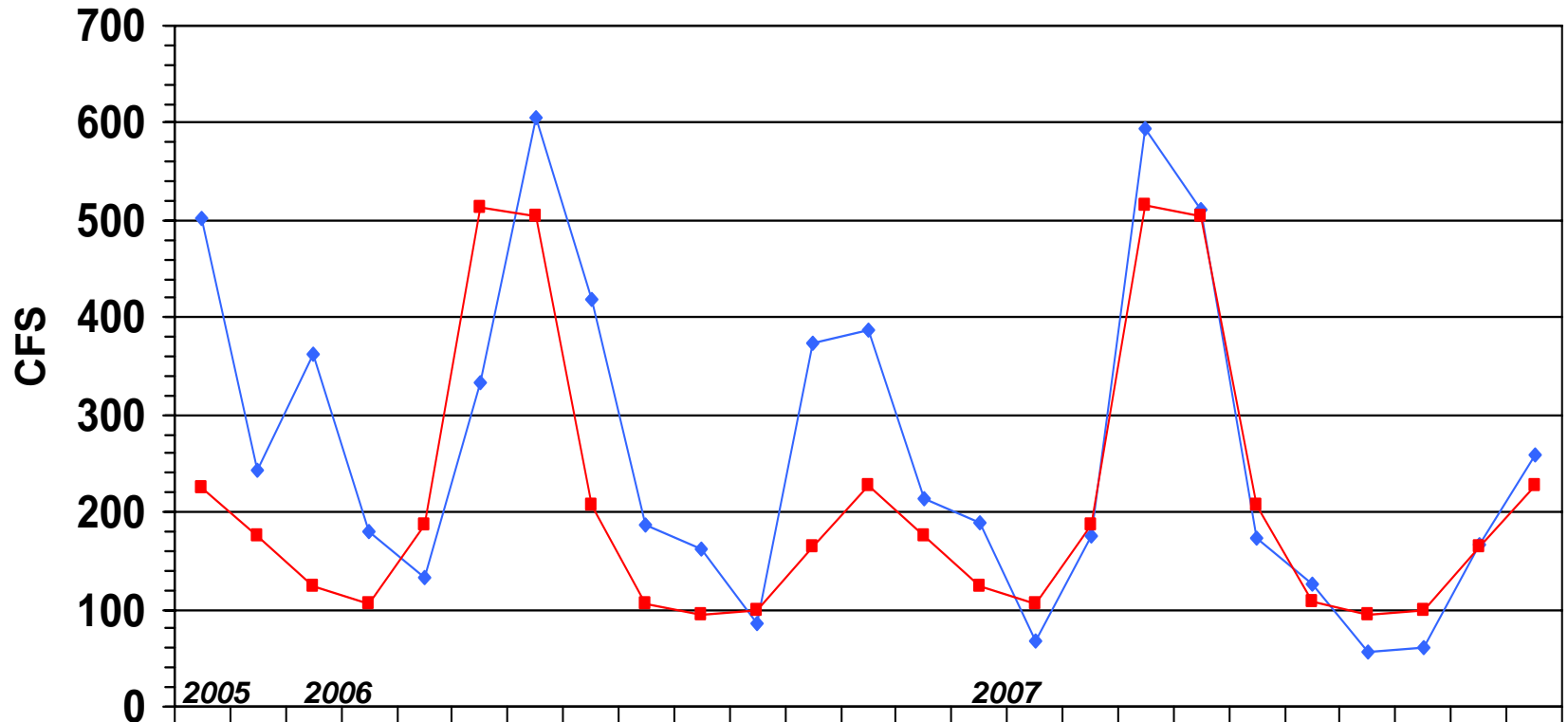
AMMONOOSUC RIVER at BETHLEHEM JUNCTION NH

Gage# 01137500



MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

This station replaces gage# 01137000 which was discontinued by DES at the end of Sept 2004



	2005			2006			2007																		
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov
◆ Monthly Mean Flow	502	243	363	180	133	334	605	418	186	161	85	373	388	214	189	67	176	595	510	173	125	56	60	166	258
■ Mean of Monthly Flow s	225	175	123	106	187	514	504	207	106	94	100	165	227	176	124	105	187	515	504	207	107	94	99	165	228
% of Normal	223%	139%	295%	170%	71%	65%	120%	202%	175%	171%	85%	227%	171%	122%	152%	65%	94%	115%	101%	84%	117%	59%	61%	101%	113%

STREAMFLOW DATA FOR SELECTED NH STATIONS AS OF DECEMBER 11, 2007



Station number	Station name	Est. Mean Flow (cfs)	Long Term Median Flow	99% Flow (cfs)	7Q10 Flow (cfs)	Lowest Period of Record Daily Flow (cfs)	% of Median	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
Androscoggin River Basin										
01052500	Diamond River near Wentworth Location, NH	Ice	176	22	16	6.8	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01053500	Androscoggin River at Errol, NH	1,710	1,520	500	451	0	113%	FALSE	FALSE	FALSE
01054000	Androscoggin River near Gorham, NH	1,830	2,000	1300	1310	795	92%	FALSE	FALSE	FALSE
Saco River Basin										
01064500	Saco River near Conway, NH	Ice	530	105	97	66	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01064801	BEARCAMP RIVER AT SOUTH TAMWORTH, NH	Ice	100	6	4.8	4.5	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Piscataqua River Basin										
01072800	COCHECO RIVER NEAR ROCHESTER, NH	85	105	--	--	2.2	81%	#VALUE!	#VALUE!	FALSE
01073500	LAMPREY RIVER NEAR NEWMARKET, NH	124	253	7	5	--	49%	FALSE	FALSE	#VALUE!
Merrimack River Basin										
01074520	EAST BRANCH PEMIGEWASSET RIVER AT LINCOLN, NH	222	240		49	46	93%	FALSE	FALSE	FALSE
01075000	PEMIGEWASSET RIVER AT WOODSTOCK, NH	Ice	304		56	--	#VALUE!	#VALUE!	#VALUE!	
01076000	BAKER RIVER NEAR RUMNEY, NH	Ice	145		15	--	#VALUE!	#VALUE!	#VALUE!	
01076500	PEMIGEWASSET RIVER AT PLYMOUTH, NH	Ice	830		118	45	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01078000	SMITH RIVER NEAR BRISTOL, NH	Ice	95		6.2	2.7	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01081000	WINNIPESAUKEE RIVER AT TILTON, NH	380	579		136	48	66%	FALSE	FALSE	FALSE
01081500	MERRIMACK RIVER AT FRANKLIN JUNCTION, NH	1,720	1,880		551	--	91%		FALSE	
01082000	CONTOOCOOK RIVER AT PETERBOROUGH, NH	126	96		6.3	--	131%	FALSE	FALSE	
01085000	CONTOOCOOK RIVER NEAR HENNIKER, NH	326	---		37	--		FALSE	FALSE	
01085500	CONTOOCOOK R BL HOPKINTON DAM AT W HOPKINTON, NH	544	685		39	--	79%	FALSE	FALSE	
01086000	WARNER RIVER AT DAVISVILLE, NH	95	178		5.3	--	53%	FALSE	FALSE	
01087000	BLACKWATER RIVER NEAR WEBSTER, NH	133	---		13.7	--		FALSE	FALSE	
01090800	PISCATAQUOG RIVER BL EVERETT DAM, NR E WEARE, NH	40	---		1.2	--		FALSE	FALSE	
01091500	PISCATAQUOG RIVER NEAR GOFFSTOWN, NH	88	---		8.8	--		FALSE	FALSE	
01092000	MERRIMACK R NR GOFFS FALLS, BELOW MANCHESTER, NH	2,990	4,420		644	98*	68%		FALSE	
01094000	SOUHEGAN RIVER AT MERRIMACK, NH	64	180		12.9	--	36%	FALSE	FALSE	
Connecticut River Basin										
01129200	CONNECTICUT R BELOW INDIAN STREAM NR PITTSBURG, NH	876	729		42	30	120%	FALSE	FALSE	FALSE
01129500	CONNECTICUT RIVER AT NORTH STRATFORD, NH	Ice	1,340		176	108	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01131500	CONNECTICUT RIVER NEAR DALTON, NH	Ice	2,170		389	115	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01137500	AMMONOOSUC RIVER AT BETHLEHEM JUNCTION, NH	Ice	130		28	21	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01138500	CONNECTICUT RIVER AT WELLS RIVER, VT	3,940	4,230		690	152*	93%		FALSE	
01144500	CONNECTICUT RIVER AT WEST LEBANON, NH	9,920	5,850	380*	902	82*	170%		FALSE	
01152500	SUGAR RIVER AT WEST CLAREMONT, NH	Ice	237	40	38	14	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01154500	CONNECTICUT RIVER AT NORTH WALPOLE, NH	9,510	8,350	260*	1058	115*	114%		FALSE	
01158000	ASHUELOT RIVER BELOW SURRY MT DAM, NEAR KEENE, NH	103	145	4.5	2.7	0.4	71%	FALSE	FALSE	FALSE
01158600	OTTER BROOK BELOW OTTER BROOK DAM, NEAR KEENE, NH	38	61	1.6	1.1	0.3	62%	FALSE	FALSE	FALSE
01160350	ASHUELOT RIVER AT WEST SWANZEY, NH	322	421	32	--	--	76%	FALSE		

*Flow duration and record low mean daily flow significantly affected by reservoir operations

**Estimated

Source: USGS, NH DES

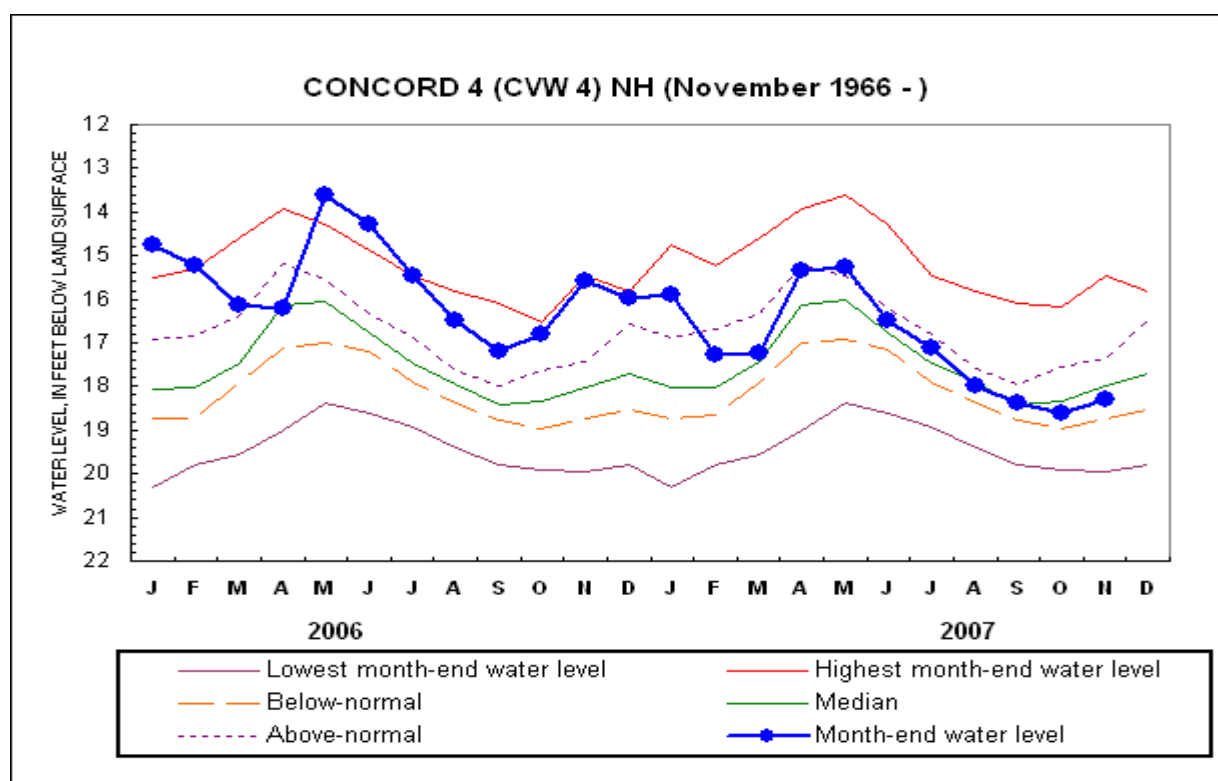
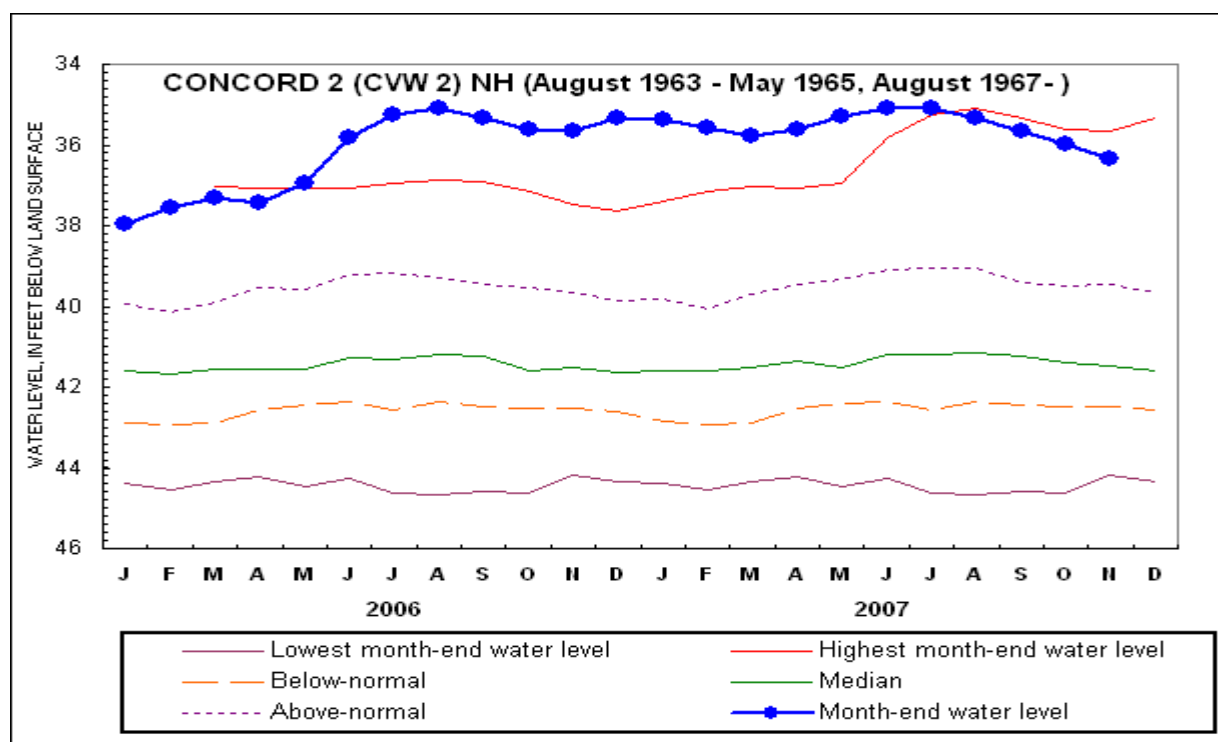
SUMMARY	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
FALSE =	17	21	8
TRUE =	0	0	0

New Hampshire Groundwater Levels for November 2007



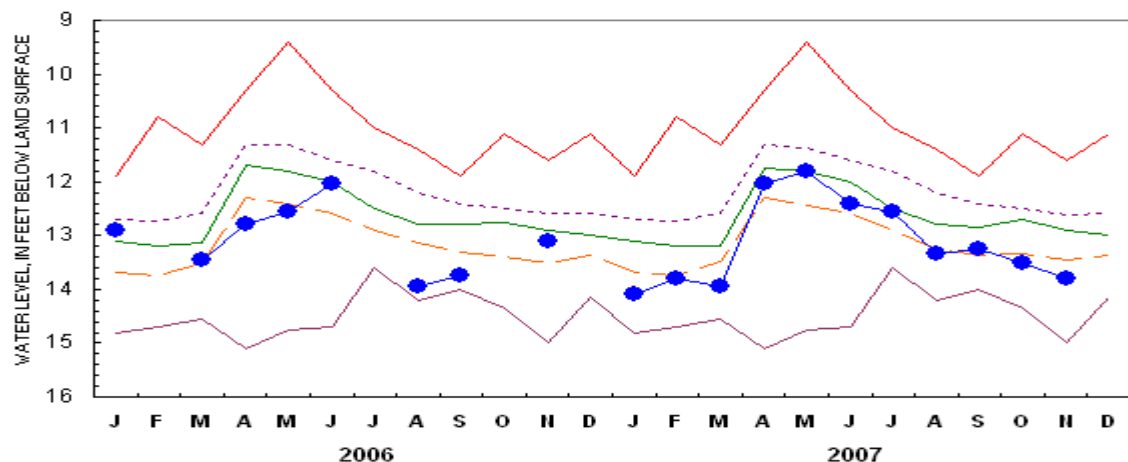
WELL	START OF WATER LEVEL BELOW		NET CHANGE		NET CHANGE		DEPARTURE FROM		PERCENT OF	
	RECORD	SURFACE DATUM (ft)	IN ONE MONTH (ft)	IN ONE YEAR (ft)	MEDIAN	RANGE (ft)	MONTHLY MEDIAN (FT)	RANGE	STATUS	
ALBANY 14	1995	5.92	1.29	-2.02	5.97	2.07	0.05	2.4	NORMAL	
ALBANY 15	1995	7.97	1.1	-3.04	7.93	1.27	-0.04	-3.1	NORMAL	
BARNSTEAD 10	1995	2.40	0.58	-0.03	2.8	0.45	0.4	88.9	ABOVE NORMAL	
CAMPTON 34	1988	12.33	1.22	-1.3	12.6	1.82	0.27	14.8	NORMAL	
	1995	7.27	0.45	-0.23	7.61	1.72	0.34	19.8	ABOVE NORMAL	
CONCORD 2	1963	36.35	-0.37	-0.71	41.49	5.85	5.14	87.9	ABOVE NORMAL	
CONCORD 4	1966	18.28	0.34	-2.71	17.99	1.98	-0.29	-14.6	NORMAL	
DEERFIELD 46	1984	39.34	-0.12	-1.2	39.14	0.5	-0.2	-40	NORMAL	
ENFIELD 30	1990	5.49	2.09	-3.8	7.59	6.6	2.1	31.8	NORMAL	
ERROL 1	1966	13.8	-0.3	-0.7	12.9	2.1	-0.9	-43.1	BELOW NORMAL	
FRANKLIN 1	1966	12.56	0.29	-2.74	13.38	5.03	0.82	16.3	NORMAL	
GREENFIELD 75	1995	61.21	-0.74	-1.24	62.6	2.64	1.39	52.7	NORMAL	
HOOKSETT 5	1965	49.86	0.52	-2.64	49.06	2.22	-0.8	-36	NORMAL	
KEENE 2	1963	2.57	0.54	0.32	2.95	2.45	0.38	15.5	NORMAL	
LANCASTER 1	1966	1.40	0.7	0.3	1.7	0.86	0.3	34.9	NORMAL	
LEE 1	1953	30.63	0.46	-1.18	31.11	1.66	0.48	28.9	ABOVE NORMAL	
LISBON 19	1990	13.24	-0.2	-0.35	13.8	2.17	0.56	25.8	NORMAL	
NASHUA 218	1964	28.35	0.32	-1.55	28.4	1.78	0.05	2.8	NORMAL	
NEW DURHAM 53	1986	19.16	0.61	-0.88	19.06	1.42	-0.1	-7	NORMAL	
NEW LONDON 1	1947	9.35	3.01	-5.35	11.81	8.03	2.46	30.6	NORMAL	
NEWPORT 3	1995	6.28	0.87	-2	6.01	1.36	-0.27	-19.9	NORMAL	
NEWPORT 6	1995	6.25	1	-1.87	6.09	1.37	-0.16	-11.7	NORMAL	
OSSIPEE 38	1995	35.60	0.07	-1.07	35.74	2.33	0.14	6	NORMAL	
SHELBURNE 2	1995	5.02	0.72	-1.56	4.4	0.86	-0.62	-72.1	BELOW NORMAL	
	1965	31.27	0.08	-1.83	31.41	3.66	0.14	3.8	NORMAL	

Source: USGS, NH DES



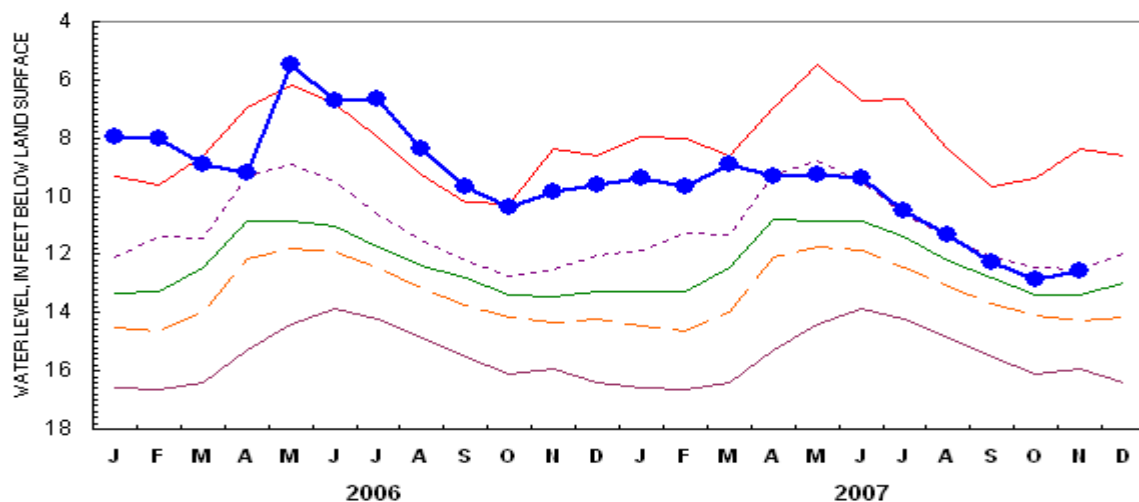
Highest and lowest month-end water levels are monthly extremes for the period of record
 Above-normal is the 75% quartile (25% of month-end water levels were higher)
 Below-normal is the 25% quartile (25% of month-end water levels were lower)
 Median is the 50% quartile (half of the month-end water levels were higher or lower)
 Water levels after September 2003 are provisional and subject to revision.

ERROL 1 (ETW 1) NH (November 1966 -)



— Lowest month-end water level — Highest month-end water level
 - - Below-normal - - Median
 - - Above-normal —●— Month-end water level

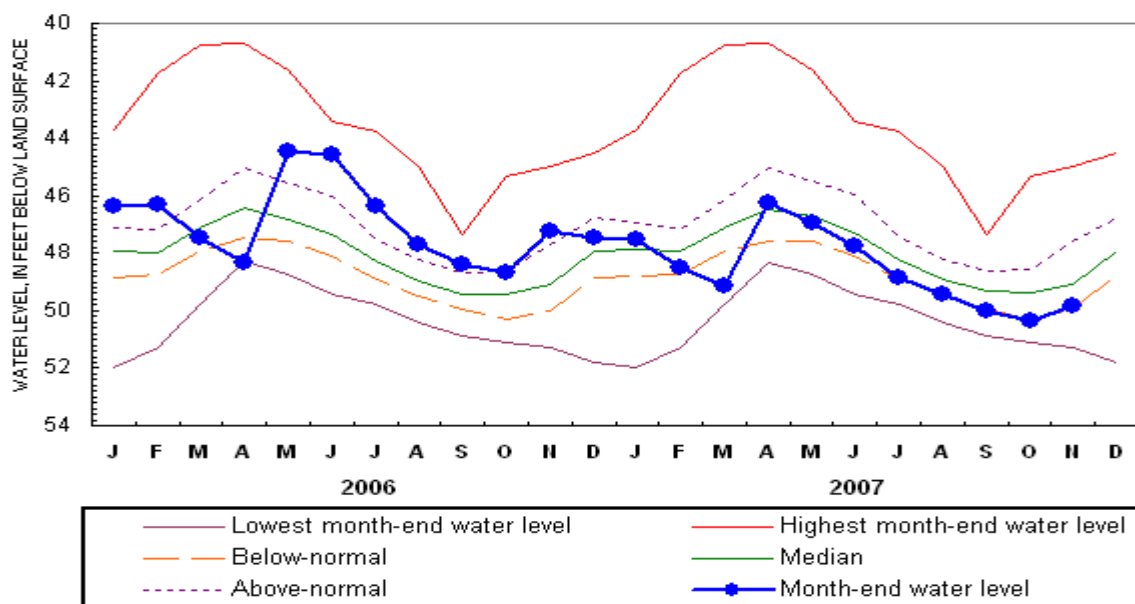
FRANKLIN 1 (FKW 1) NH (October 1966 -)



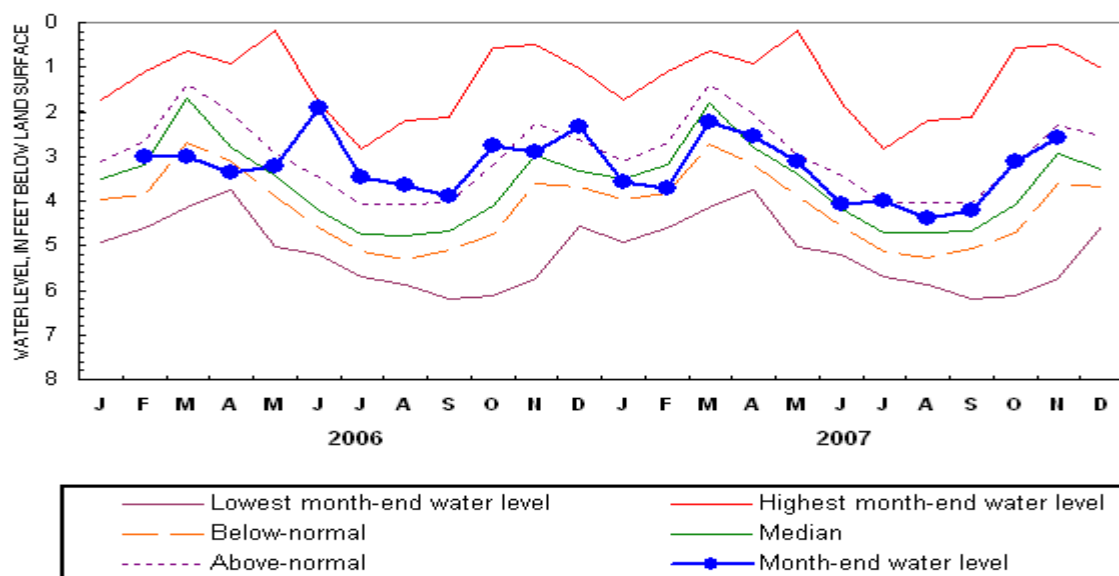
— Lowest month-end water level — Highest month-end water level
 - - Below-normal - - Median
 - - Above-normal —●— Month-end water level

Highest and lowest month-end water levels are monthly extremes for the period of record
 Above-normal is the 75% quartile (25% of month-end water levels were higher)
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 Median is the 50% quartile (half of the month-end water levels were higher or lower)
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HOOKSETT 5 (HTW 5) NH (April 1965 -)

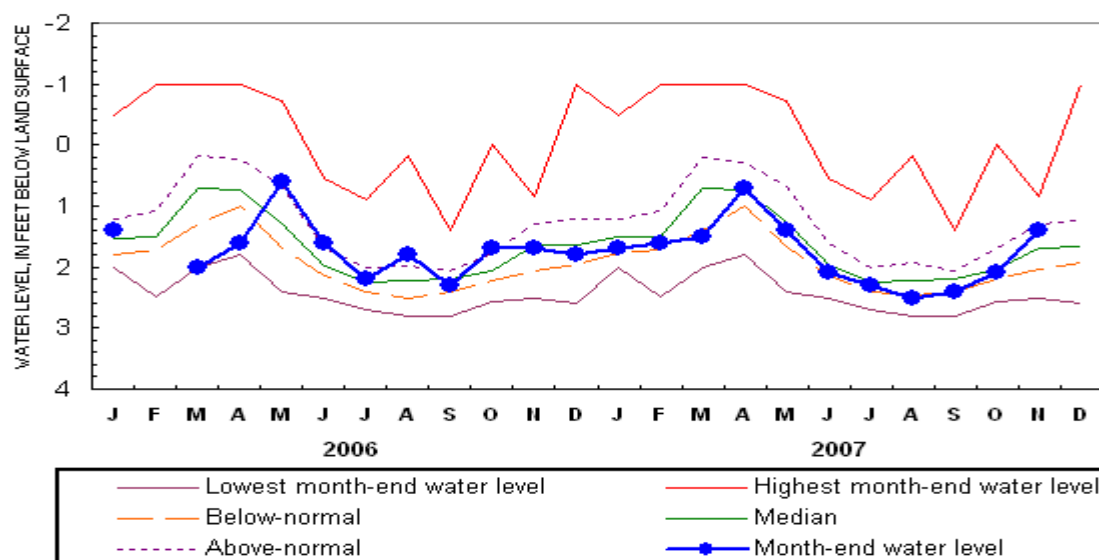


KEENE 2 (KEW 2) NH (August 1963 -)

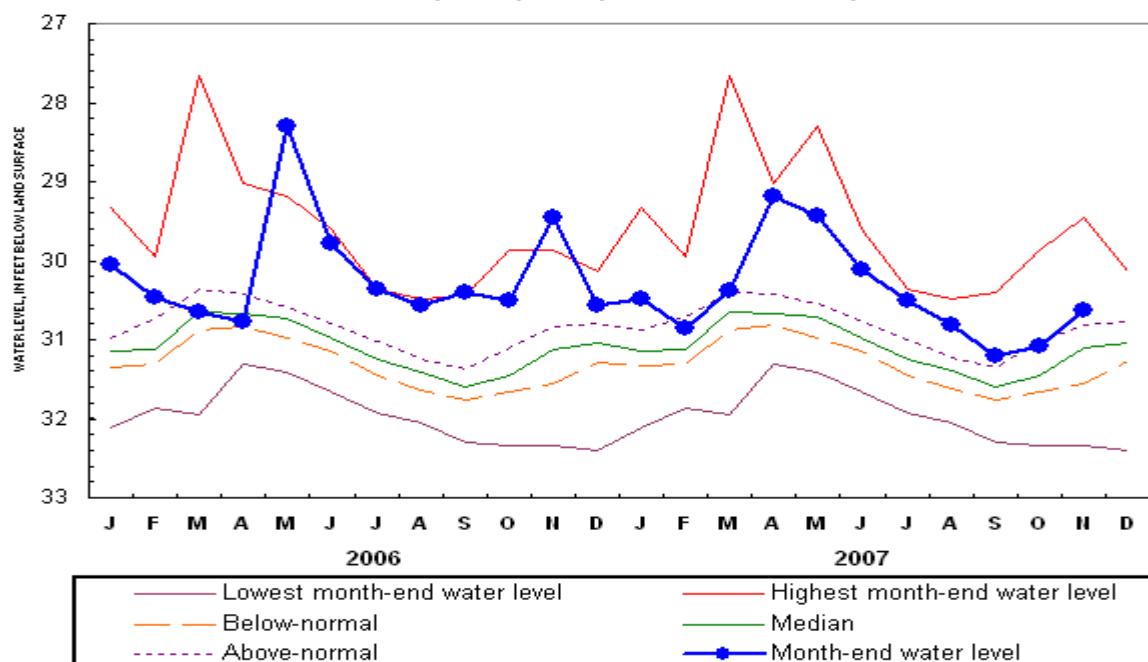


Highest and lowest month-end water levels are monthly extremes for the period of record
 Above-normal is the 75% quartile (25% of month-end water levels were higher)
 Below-normal is the 25% quartile (25% of month-end water levels were lower)
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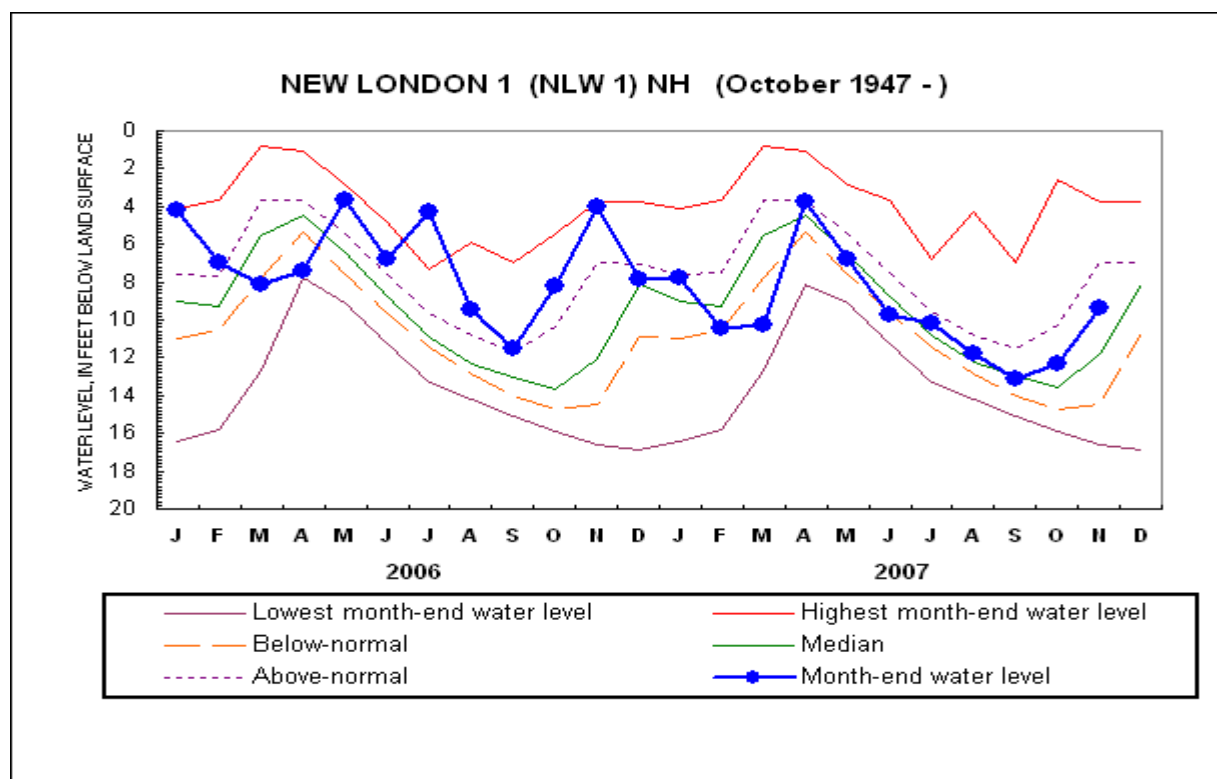
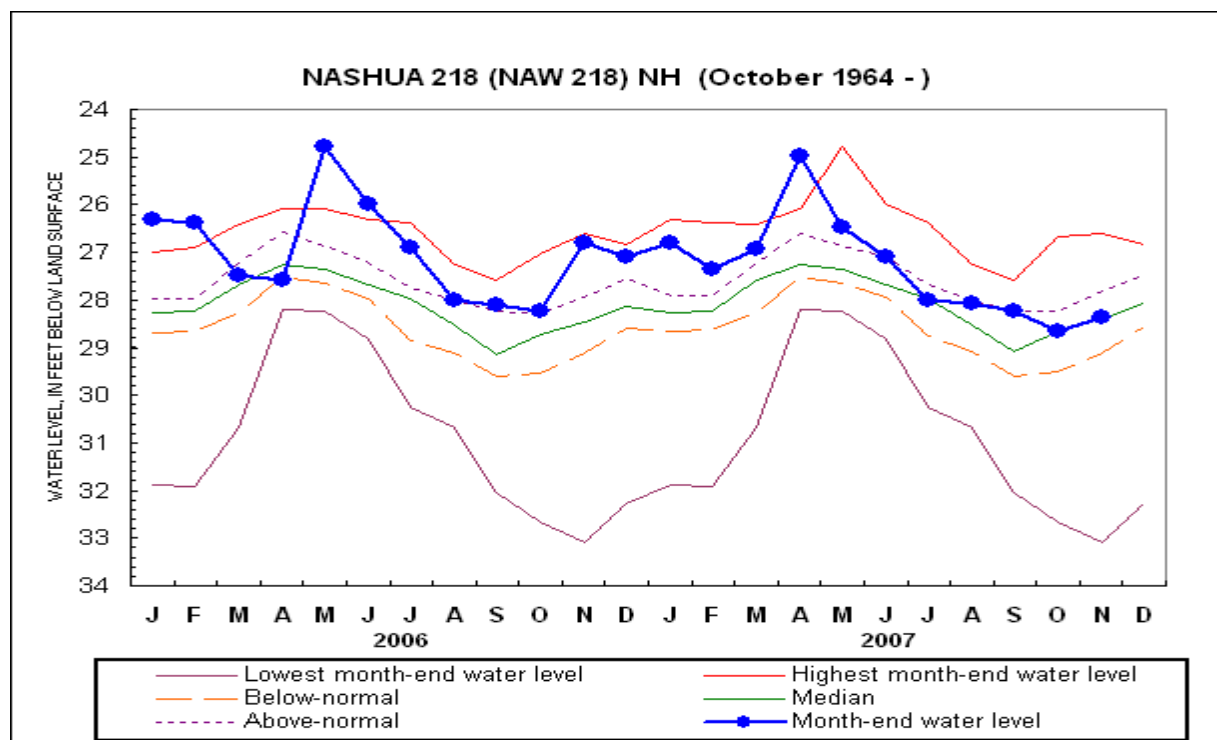
LANCASTER 1 (LCW 1) NH (November 1966 - May 1980, April 1981)



LEE 1 (LIW 1) NH (November 1953 -)

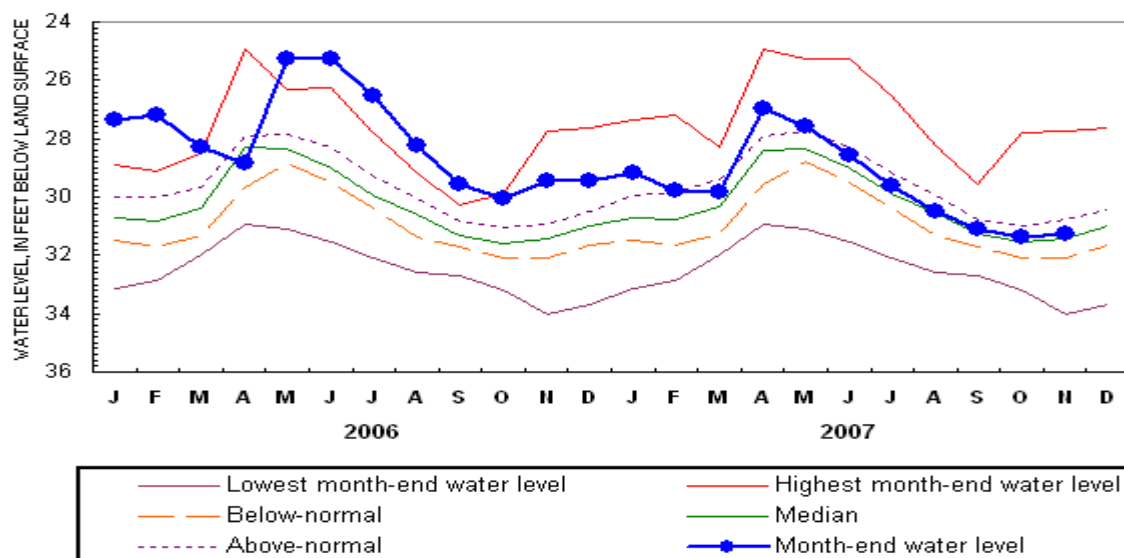


Highest and lowest month-end water levels are monthly extremes for the period of record
 Above-normal is the 75% quartile (25% of month-end water levels were higher)
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WARNER 1 (WCW 1) NH (December 1965 -)

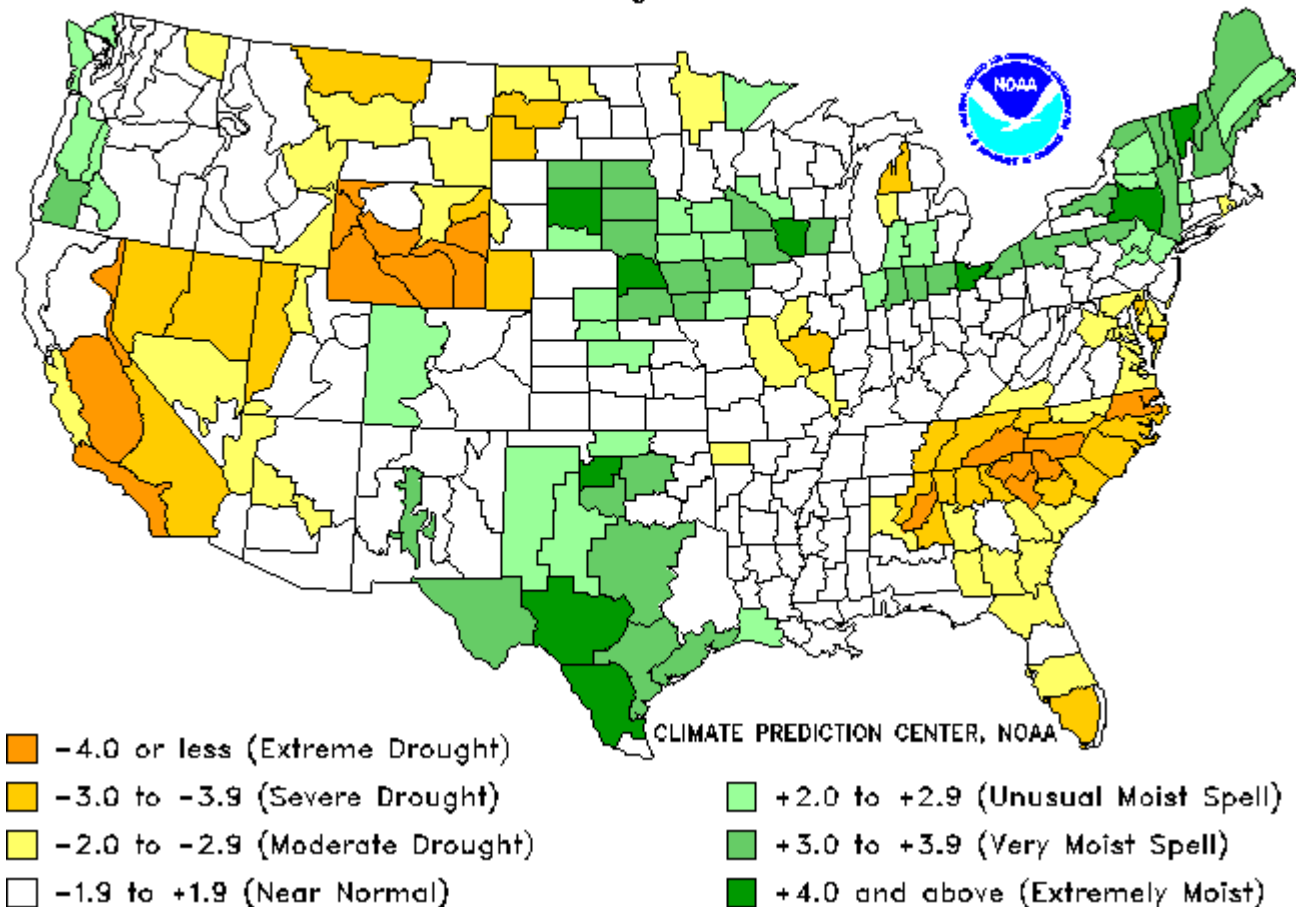


Highest and lowest month-end water levels are monthly extremes for the period of record
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Drought Severity Index by Division

Weekly Value for Period Ending 1 DEC 2007

Long Term Palmer



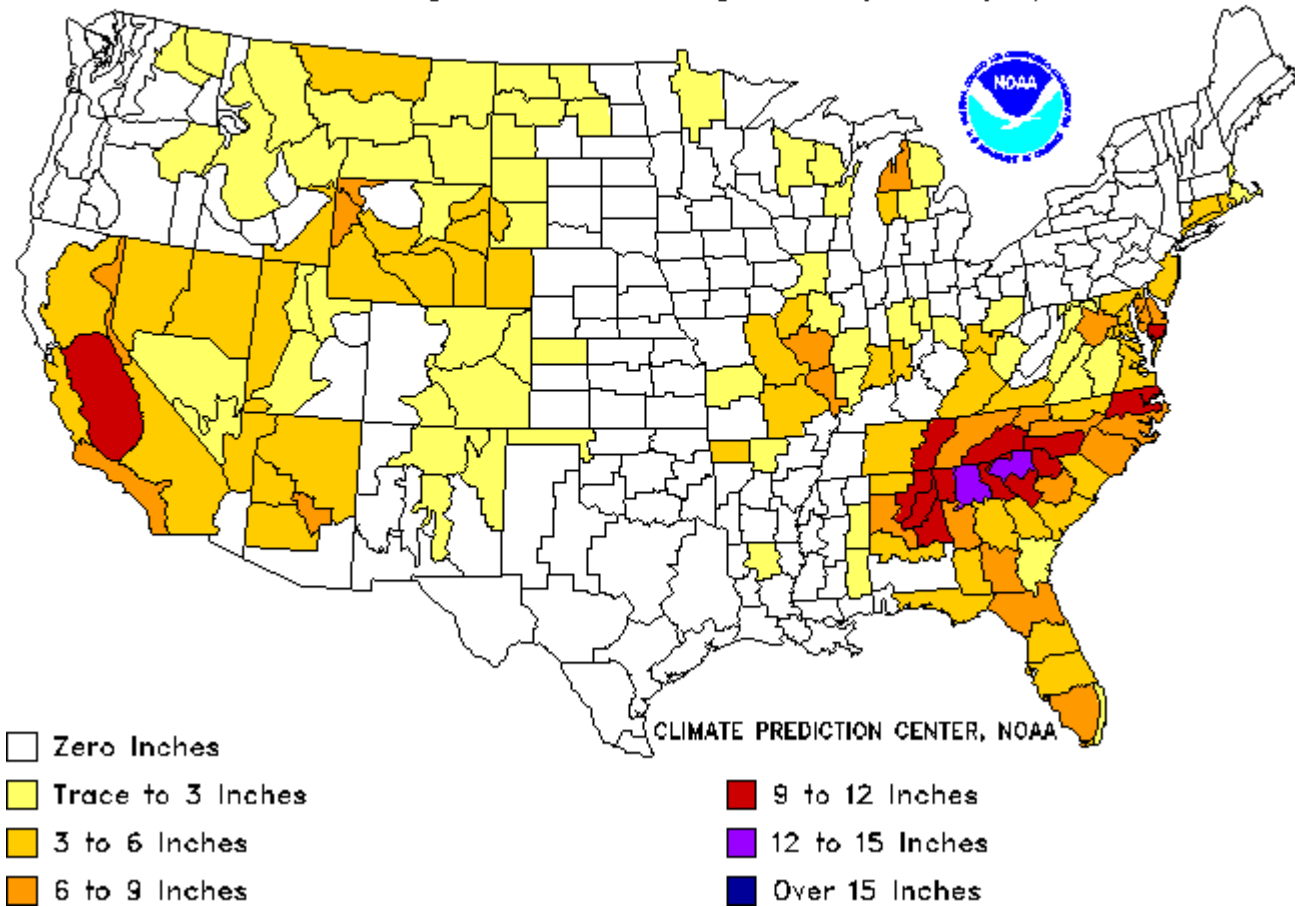
THE PALMER DROUGHT SEVERITY INDEX

The Palmer Index uses temperature and rainfall information in a formula to determine dryness. The advantage of the Palmer Index is that it is standardized to local climate.

Additional Precip. Needed (In.) to Bring PDI to -0.5

Weekly Value for Period Ending 1 DEC 2007

Long Term Palmer Drought Severity Index (PDI)



This is the amount of rainfall required in a week's time to bring the index back to zero inches required.